

ABSTRACT OF THE DISCLOSURE**LOGICAL PARTITION MANAGEMENT APPARATUS AND METHOD FOR
HANDLING SYSTEM RESET INTERRUPTS**

5

A logical partition management apparatus and method for handling system reset interrupts (SRIs) are provided.

The apparatus and method provide a SRI handler in the hypervisor that is capable of handling SRIs which may
10 occur at any time during the operation of the multiprocessor computing system. The apparatus and method allow a hypervisor call to be completed before an SRI is handled. In this way, the SRI does not cause a processor of the symmetric multiprocessor (SMP) system to
15 indefinitely hold a lock on a system resource and thus, other processors are not starved due to an inability to access the system resource.

F050001 2403550